

**DATE**

7/13/22

PATIENT

Bailey Bost

SPECIES

Canine

BREED

Goldendoodle

SEX

Spayed Female

AGE

10/9/13

WEIGHT

57 Pounds

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**IMAGING PERFORMED BY**

Rachel Brilhart RDMS

HOSPITAL NAME

Airpark AH

REFERRING VET

Dr. Owens

INVOICE

39487

PRESENTING CLINICAL SIGNS

Examined for ADR/vomiting/anorexia on 6/14, diagnosed with IMHA with anemia and autoagglutination. Rads unremarkable. Also Anaplasma positive on 4dx, started prednisone at 2.2mg/kg/day and doxycycline at 5 mg/kg BID. Anemia initially improved, but HCT got up to 42% 2 weeks ago and now is back down to 33%. Palpable nodule deep to trachea in neck and possible enlarged thyroid, concern for underlying disease causing IMHA. Recommended abdominal and neck/thyroid ultrasound.

Current Medications: Prednisone 30 mg PO BID since 6/14, Doxycycline 225 mg PO BID since 6/14.

Lab Results: Hct 29

Radiographs: Unremarkable, minor hepatomegaly. Normal chest.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System**

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.82 cm. The right kidney measured 6.88 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 3.0 cm x 0.60 cm at the caudal pole and 0.73 cm at the cranial pole. The left adrenal gland measured 2.0 cm x 0.34 cm at the caudal pole and 0.35 cm at the cranial pole.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** was riddled with multiple hypoechoic target lesions. Irregular contour and regional free fluid noted. The gallbladder was unremarkable.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

Other

The left cervical region revealed a left thyroid mass, highly hypervascular, measuring 4.5 cm x 2.26 cm with capsular expansion. A retropharyngeal lymph node was enlarged, adjacent to the left thyroid tumor, measuring approximately 2.0 cm. Right thyroid lobe was unremarkable at 1.33 cm x 0.44 cm with normal hypoechoic parathyroids.

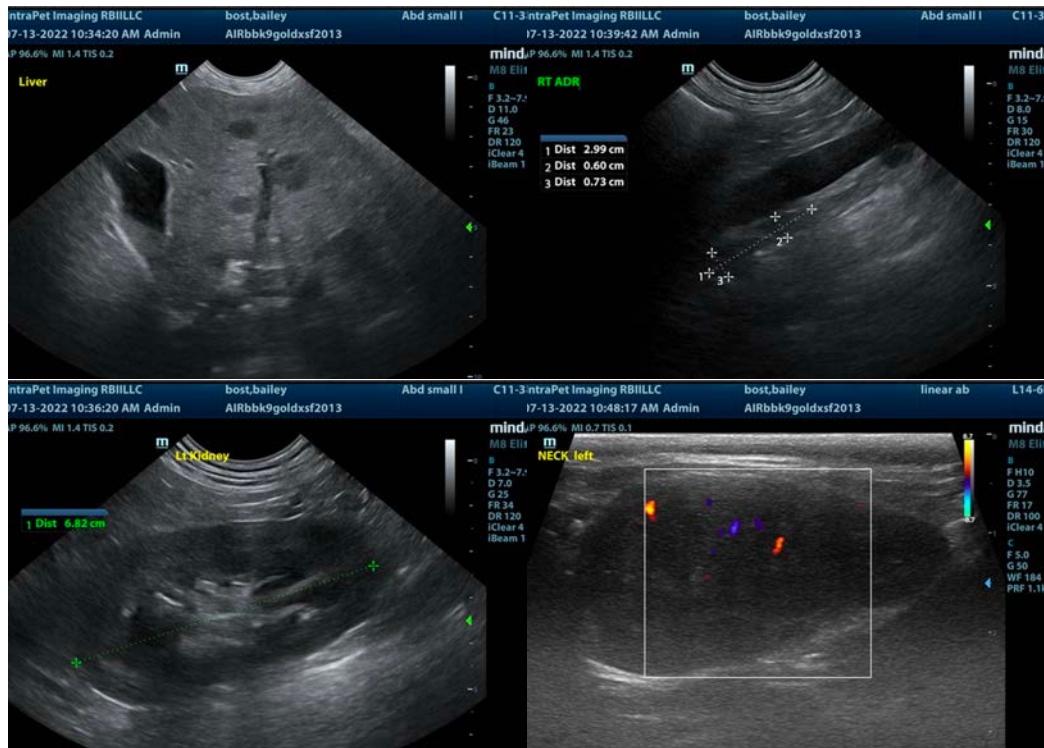
Slight free fluid noted, likely owing to infiltrative hepatic disease.

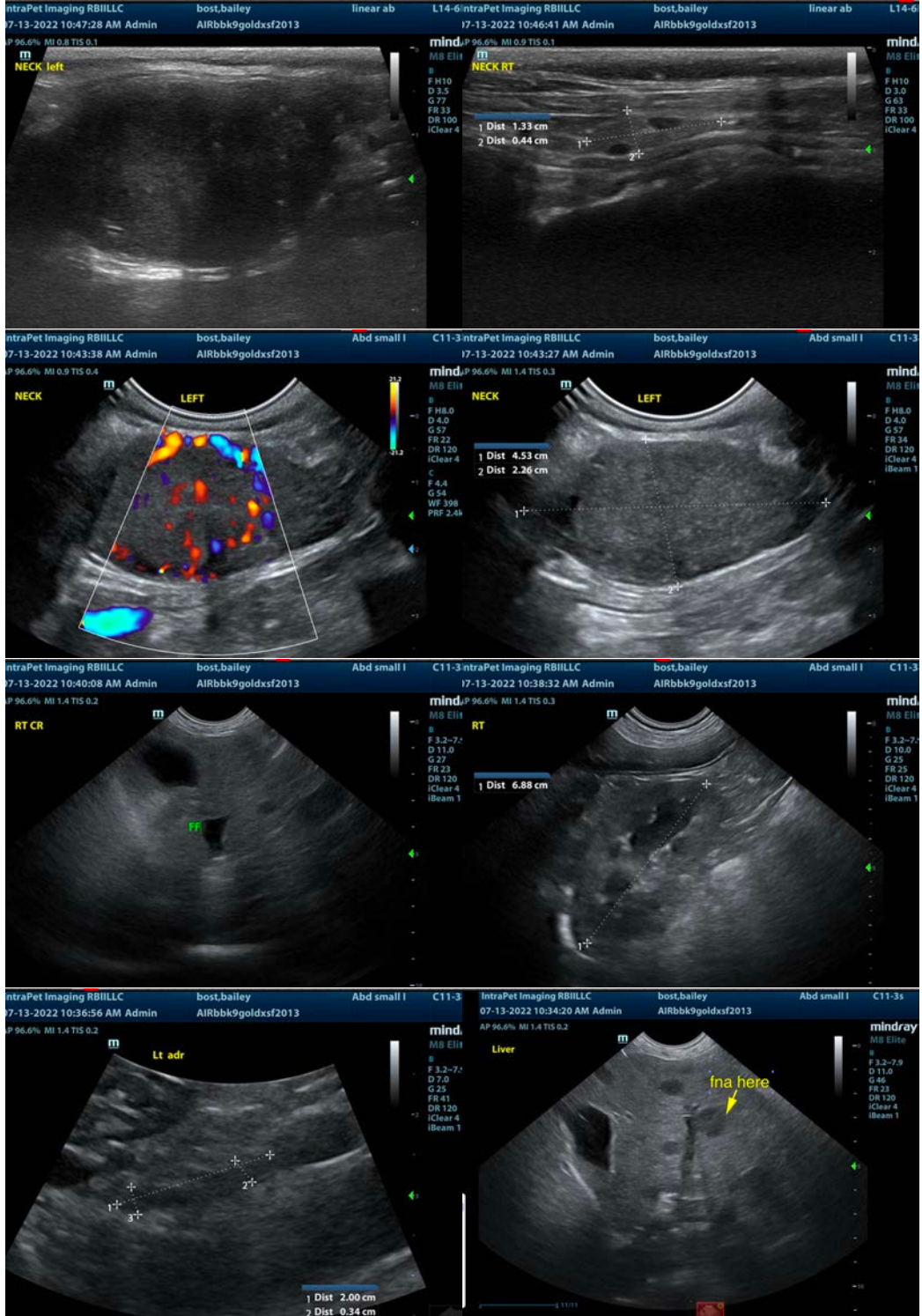
ULTRASONOGRAPHIC FINDINGS

- Left thyroid lobar mass with regional lymphadenopathy
- Target hepatic lesions, potentially metastatic or concurrent comorbidity
- Slight free fluid

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the thyroid mass, lymph node and liver lesions recommended. Prognosis is guarded depending upon cytology results. Thyroid carcinoma likely, round cell neoplasia less likely.







The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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